



TROPICAL CYCLONE BULLETIN NO. 2

Tropical Depression "CALOY"

Issued at 5:00 AM, 29 June 2022

Valid for broadcast until the next bulletin at 11:00 AM today

TROPICAL DEPRESSION "CALOY" CONTINUES TO MOVE SLOWLY OVER THE WEST PHILIPPINE SEA

Location of Center (4:00 AM)

The center of Tropical Depression "CALOY" was estimated based on all available data at **395 km West of Iba, Zambales (15.4°N, 116.3°E)**

Intensity

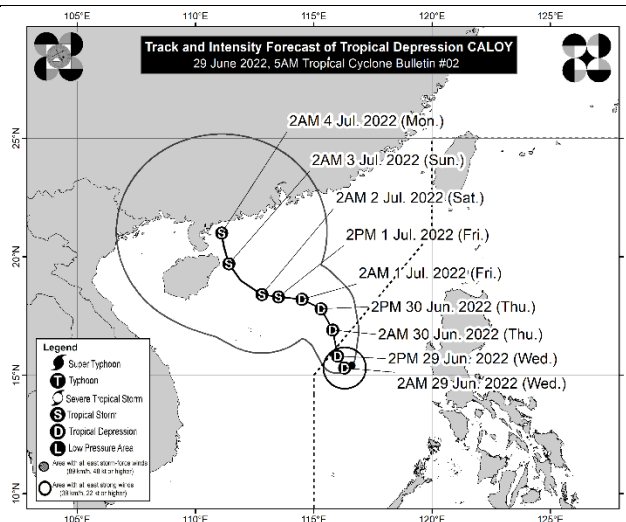
Maximum sustained winds of **45 km/h** near the center, gustiness of up to **55 km/h**, and central pressure of **1000 hPa**

Present Movement

Westward slowly

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **100 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 29 June 2022	15.8	116.0	430 km West of Iba, Zambales	45	TD	NNW slowly
24-Hour Forecast 2:00 AM 30 June 2022	16.9	115.8	495 km West Northwest of Dagupan City, Pangasinan (Outside the PAR)	45	TD	N 10
36-Hour Forecast 2:00 PM 30 June 2022	17.8	115.3	540 km West of Sinait, Ilocos Sur (Outside the PAR)	55	TD	NNW 10
48-Hour Forecast 2:00 AM 01 June 2022	18.2	114.5	625 km West of Sinait, Ilocos Sur (Outside the PAR)	55	TD	WNW 10
60-Hour Forecast 2:00 PM 01 July 2022	18.3	113.5	735 km West of Sinait, Ilocos Sur (Outside the PAR)	65	TS	W 10
72-Hour Forecast 2:00 AM 02 July 2022	18.4	112.8	825 km West of Northern Luzon (Outside the PAR)	65	TS	W slowly
96-Hour Forecast 2:00 AM 03 July 2022	19.7	111.4	1,060 km West of Extreme Northern Luzon (Outside the PAR)	75	TS	NW 10
120-Hour Forecast 2:00 AM 04 July 2022	21.0	111.1	1,135 km West of Extreme Northern Luzon (Outside the PAR)	75	TS	NNW slowly

Prepared by: ADA

Checked by: SFB



TROPICAL CYCLONE BULLETIN NO. 2

Tropical Depression "CALOY"

Issued at 5:00 AM, 29 June 2022

Valid for broadcast until the next bulletin at 11:00 AM today

HAZARDS AFFECTING LAND AREAS

Heavy Rains

- In the next 24 hours, the monsoon trough and the Southwest Monsoon enhanced by Tropical Depression "CALOY" will bring **monsoon rains** over the western sections of Luzon and Visayas. For more information, refer to **Weather Advisory No. 6 for Southwest Monsoon** issued at 11:00 PM yesterday and the **24-Hour Public Weather Forecast** issued at 4:00 AM today.

Severe Winds

- No tropical cyclone wind signal is currently hoisted for this tropical cyclone.
- The Southwest Monsoon enhanced by this tropical depression will bring **occasionally gusty conditions** reaching strong breeze to near gale in strength over Extreme Northern Luzon, and the western sections of Luzon and Visayas. These conditions are more likely in coastal and mountainous/upland localities of these areas.

HAZARDS AFFECTING COASTAL WATERS

The tropical depression and the enhanced Southwest Monsoon will bring **moderate to rough seas (1.2 to 3.1 m)** over the seaboard of Northern Luzon and the western seaboard of Central and Southern Luzon. **These conditions may be risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- On the forecast track, Tropical Depression "CALOY" is forecast to meander aimlessly today then move generally north northwestward or northwestward tomorrow, westward on Friday, then turn northwestward for the remainder of the forecast period towards southern China. "CALOY" may exit the Philippine Area of Responsibility (PAR) within 24 hours. However, due to the present nature of its circulation, the track and intensity forecast for this tropical depression may still change in the succeeding bulletins.
- The large overall circulation and disorganized structure of "CALOY" suggest a slow pace of intensification in the near term. It is forecast to remain a tropical depression in the next 48 hours, then slightly intensify and reach tropical storm category by Friday afternoon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

Prepared by:  ADA

Checked by:  SFB